

B & O

BEOGRAM 9000

MODEL

OWNER'S MANUAL

FOR THE UK MARKET ONLY

IMPORTANT!

The wires in the mains lead supplied with this apparatus are coloured in accordance with the following code:

Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

- The wire which is coloured blue must be connected to the terminal which is marked with the letter **N** or coloured **black**.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter **L** or coloured **red**.

Ensure that your equipment is connected correctly. If you are in any doubt, consult a qualified electrician.

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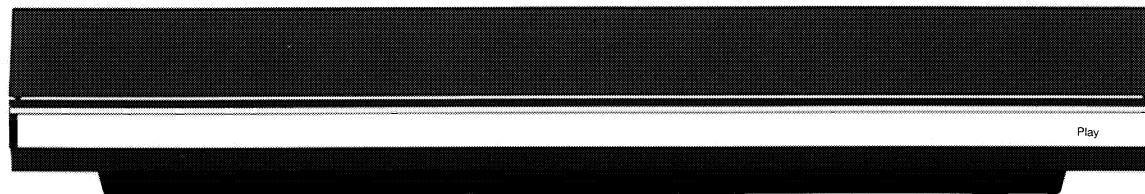
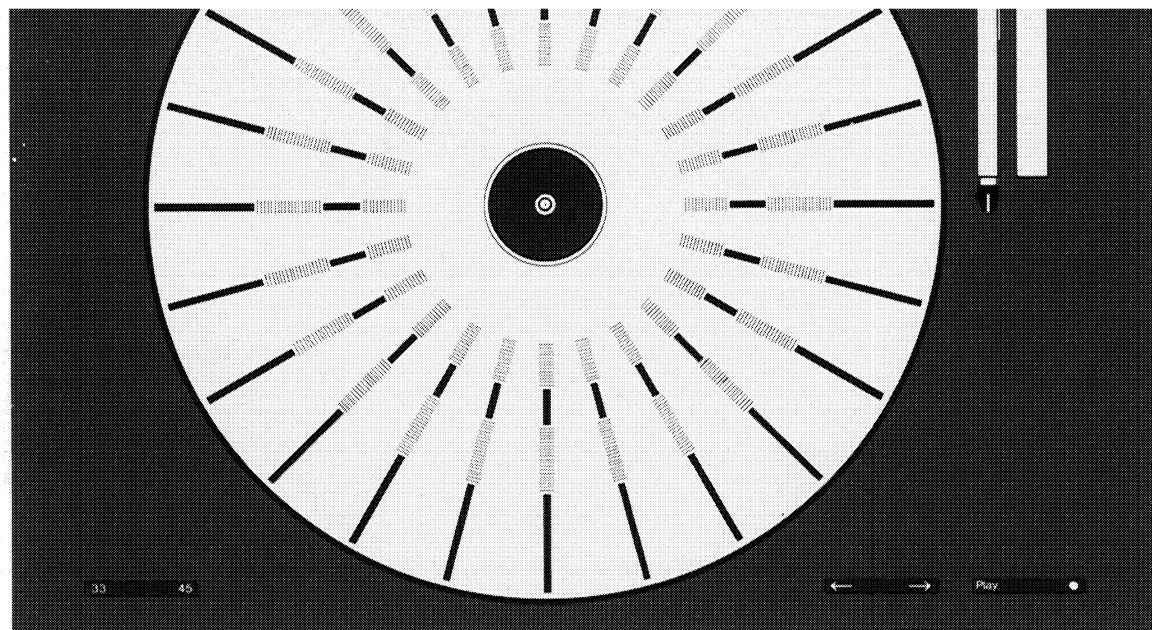
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The Beogram 9000 is designed primarily to complement the Beocenter 9000 although it can, of course, also be used in conjunction with other music systems.

When connected to a Bang & Olufsen music system, the Beogram 9000 can be remote controlled by using the remote control unit appropriate to that system.

The manual controls on the Beogram 9000 consist of 'rocker' buttons marked to indicate which end to press in order to carry out a specific function.

These buttons are situated under the dust cover and are represented in this booklet by a small box with the appropriate text or symbol inside it.

For remote controlled operation, please refer to the instruction manual for your remote control unit.

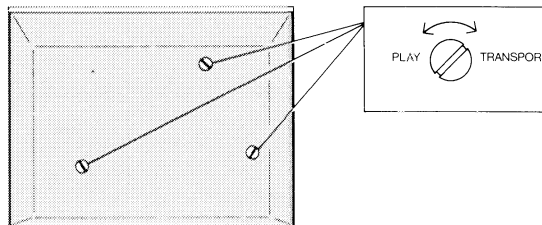
SETTING UP

Loosening the transport screws

Before using the record player, you must loosen the three transport screws on the underside.

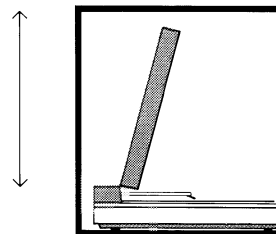
Place the record player on a table so that the front protrudes over the edge. Holding the record player securely, turn it carefully to locate and loosen each screw. Use a screwdriver or a coin for this but note that the screws cannot be removed completely.

If you ever have to move the record player, we strongly recommend that you tighten the three transport screws before you do so.



Where to put the record player

The record player must be placed horizontally on a stable surface. Allow a space of at least 30 cm above the record player so that the dust cover can open freely. Avoid placing it in direct sunlight or near radiators or other sources of heat.

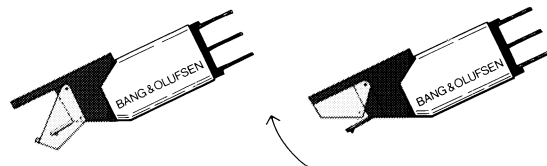


Preparing the record player for use

Remove the foam rubber pieces protecting the tonearm but be careful not to catch the stylus in doing so.

Place the platter on the turntable and check that it can move freely. It should feel springy when pressed lightly.

Remember to raise the stylus guard on the cartridge before you start playing a record.

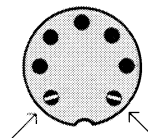


Connection to receiver

If you are connecting your Beogram 9000 to a Beocenter 9000, plug the 7 pin DIN cable into the PHONO socket on the Beocenter 9000.

If your receiver has a 5 pin DIN socket or phono sockets, first unscrew the two extra grooved pins from the plug using a tiny screwdriver. Then insert the plug directly into the 5 pin DIN socket on the receiver. If your receiver only has phono sockets,

an adaptor (Bang & Olufsen part no. 6270208) must be connected before inserting the plug into the phono sockets on your receiver.



Stand-by mode

Once connected to the mains supply, the record player is in stand-by mode and ready for use.

The Beogram 9000 will automatically revert to

stand-by mode shortly after a record is finished playing. A connected Beocenter 9000 will follow suit after approximately 30 minutes.

Adjusting stylus pressure

The stylus pressure must be adjusted to match the type of Bang & Olufsen MMC cartridge fitted on the tonearm.

Set the slider situated on the right-hand side of the tonearm to the appropriate value:


MMC 1 = 1.0 gram

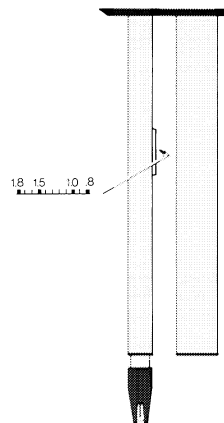
MMC 2 = 1.0 gram

MMC 3 = 1.2 grams

MMC 4 = 1.2 grams

MMC 5 = 1.5 grams


If you want to check the stylus pressure using a stylus gauge, place the gauge underneath the stylus, press  and keep the button depressed for more than two seconds. The tonearm will then lower onto the gauge, and you can read off the pressure on the gauge.




PLAYING A RECORD

Start playing

Place the record on the turntable.

If you want to clean the record before you start playing, press . The turntable will rotate and the tonearm will move into position without lowering onto the record.


Press  to start playing the record.



Alternatively, you may lightly press the surface of the front panel at the right-hand side where it is marked **Play**.

If you instruct the Beogram 9000 to play without placing a record on the platter, the tonearm will remain in its resting position although the turntable will rotate briefly.

Setting speed



The Beogram 9000 automatically registers the size of standard records and determines the speed accordingly (33 or 45 rpm). The speed selected appears on the indicator arm which lies parallel to the tonearm.


However, you can set the speed manually if, for instance, you want to play an EP. Press  and

then  or  whichever is appropriate. You can change the speed at any time during play.



Pausing



Press  or  to lift the tonearm off the record. The turntable will continue to rotate but the tonearm will rise and remain above the point from which it was lifted.




Press  to lower the tonearm and continue playing.

If you don't resume playing within approximately 8 minutes, the Beogram 9000 will automatically revert to stand-by.

Stepping through the record


Without stopping the record and without touching the tonearm, you can move the tonearm to any position on the record you like and resume playing from there.

Press  to move the tonearm towards the centre of the record, or press  to move the tonearm towards the edge of the record.


Keep  or  depressed until you find the point at which you want to start playing. Then release the button and press .

During this procedure a tiny beam of light will illuminate the record to help you find the right spot.

Stop playing



Press  to stop playing.

The tonearm will rise and return to its resting position, and the record player will revert to stand-by.




If you keep  depressed for more than two seconds, a connected Beocenter 9000 will also switch to stand-by mode.

Repeating a record

You can, if you like, make the record player play a record up to seven times in a row.

Press  once to start playing. Then press  again the number of times you want the record to be repeated.

If you have given the record player a repeat instruction, the speed indicator will flash on and off.

If you use ,  or , the repeat function will be cancelled.

MAINTENANCE

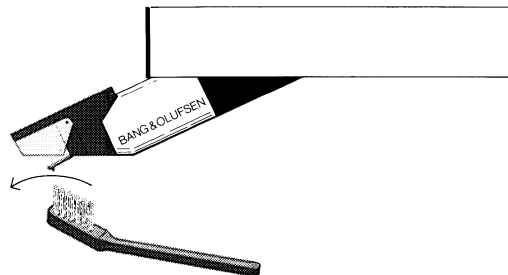
Stylus

Fluff and dust can build up on the tip of the stylus and cause distortion during play. Therefore, clean the stylus every now and then using the tiny brush provided.

Carefully brush the stylus only from the back of the cartridge towards the front.

Any stylus cleaning fluid should be used in moderate amounts.

Reducing the amount of dirt and dust on the record to a minimum is of course the best way to keep the stylus clean and thus to ensure optimum performance. For this purpose we recommend you use



the Bang & Olufsen LP Protector record maintenance kit. The Bang & Olufsen LP Protector is available from your Bang & Olufsen dealer.

Cabinet surfaces

Wipe off dust with a soft, dry cloth. Use a soft cloth well wrung out in warm water to remove grease stains.

Be careful not to touch the cartridge and the stylus.

Never use denatured alcohol to clean any parts of the record player.

TECHNICAL SPECIFICATIONS

| | |
|---|--------------------------------|
| Beogram 9000, type No. | 5961-5964-5965 |
| Tonearm | Tangential Optimum Pivot Point |
| Motor | Servo controlled DC |
| Wow and flutter, DIN | <0.06% |
| Wow and flutter, WRMS | <0.03% |
| Rumble DIN weighted | >80 dB |
| Rumble DIN unweighted | >55 dB |
| Speeds | 33-45 rpm. |
| Speed deviation | ±0.2% |
| Power supply | 5961: 190-265 volts |
| | 5964: 90-130 volts |
| | 5965: 190-265 volts |
| Power frequency | 50-60 Hz |
| Power consumption | <10 watts |
| Dimensions W x H x D | 42 x 7.5 x 32.5 cm |
| Weight | 5.3 kg |
| MMC 4 cartridge | |
| Recommended tracking force | 12 mN/1.2 grams |
| Frequency range | 20-20,000 Hz ±2.5 dB |
| Channel separation: 1000 Hz | >22 dB |
| 50-15,000 Hz | >17 dB |
| Channel difference | <2 dB |
| Stylus | Elliptical diamond 6x17µm |
| Cantilever | Tapered aluminium tube |
| Effective tip mass | 0.4 mg |
| Compliance | 25 µm/mN |
| Sensitivity mV/cm/s RMS | >0.6 mV |
| Output 5 cm lateral RMS | >2.12 mV |
| Cartridge weight | 1.6 grams |
| Subject to change without notice | |

This Beogram fulfils the conditions stated in the EEC directive 82/499 concerning radio frequency interference.

International guarantee

This Bang & Olufsen product carries a guarantee against defects in workmanship and materials. It is a national guarantee, extended by Bang & Olufsen to the country in which the product was bought. The terms of the guarantee apply principally to the country of purchase but will be met by authorized Bang & Olufsen dealers in other countries. The guarantee period applying to the country of purchase takes priority over guarantee periods applying in other countries, even where differences exist.

In order to obtain service under this guarantee from a dealer in a country other than that in which the product was bought, the guarantee form must be completed in full and presented to the dealer.

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